

## 83-610 Testing feedback potentiometer in regulating valve

### Note

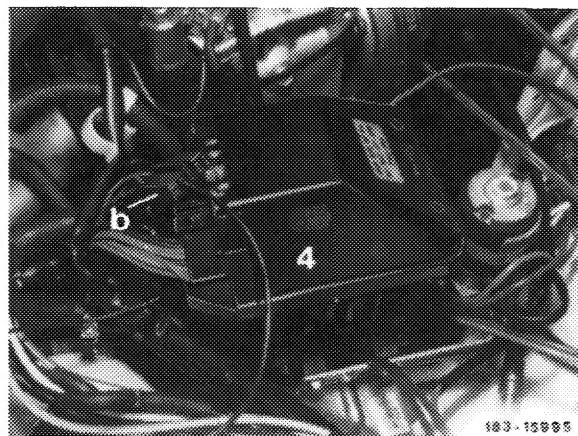
Testing is required when the sensor chain is within the specified tolerance and the control quality is not attained.

### Test conditions

Voltmeter switch of tester in position	Servo-Amp.
Mode switch of tester in position	"HEAT", wait 1 minute, switch over to "park"
Temperature dial in position	75 °F
Pushbutton switch in position	"AUTO-LO"

- 1 Connect tester (83-602).
- 2 Run engine at 100/min.
- 3 Watch voltmeter on tester and shut off engine if after approx. 35 seconds the voltage is 0 volt.
- 4 Pull off plug on regulating valve (4) (front coupler).
- 5 Test resistance between terminal 1 and 2 of regulating valve. Resistance should be between 1300—1500 Ω.
- 6 Replace regulating valve (4) if this value is not attained.

4 Regulating valve  
b 5-point plug connection



83-15888